Title:

Page 1 of 14
Deformable Mirror Method and Apparatus Including
Bimorph Flexures and Integrated Drive
Knollenberg, et al.
Unknown Applicants: IRIS-01001US0 Appl. No.: Filing Date: Unknown November 7, 2003 Larry E. Vierra (415) 369-9660 Atty: Phone:

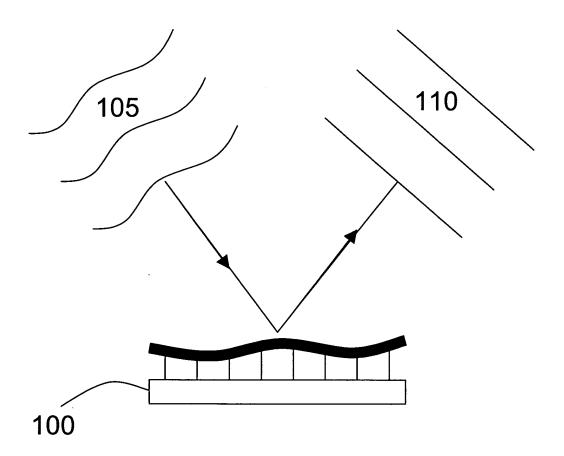


FIGURE 1 **PRIOR ART**

Page 2 of 14
Deformable Mirror Method and Apparatus Including
Bimorph Flexures and Integrated Drive Title:

Knollenberg, et al. Applicants: Docket: Appl. No.: Filing Date: Larry E. Vierra (415) 369-9660 Unknown Atty: November 7, 2003 Phone:

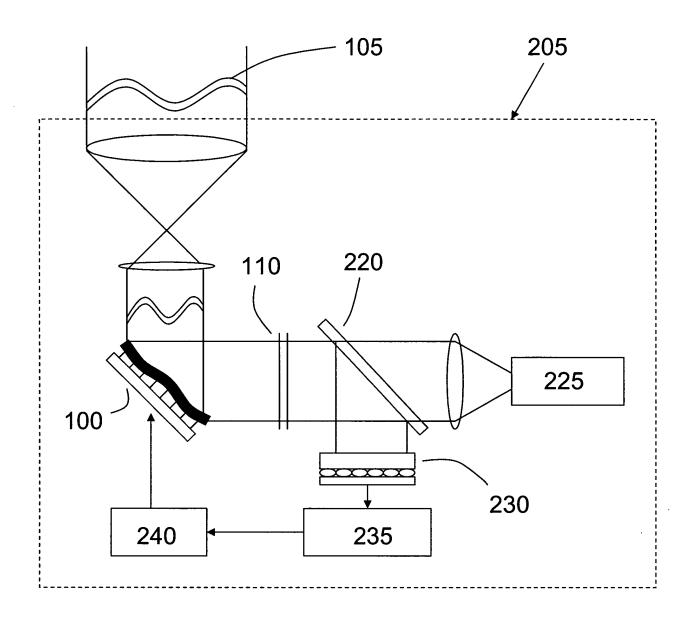


FIGURE 2 **PRIOR ART**

Title:

Page 3 of 14
Deformable Mirror Method and Apparatus Including
Bimorph Flexures and Integrated Drive
Knollenberg, et al.
Unknown IRIS-01001US0 Larry E. Vierra (415) 369-9660 Applicants: Knollenberg, et al.
Appl. No.: Unknown
Filing Date: November 7, 2003 Docket: Atty:

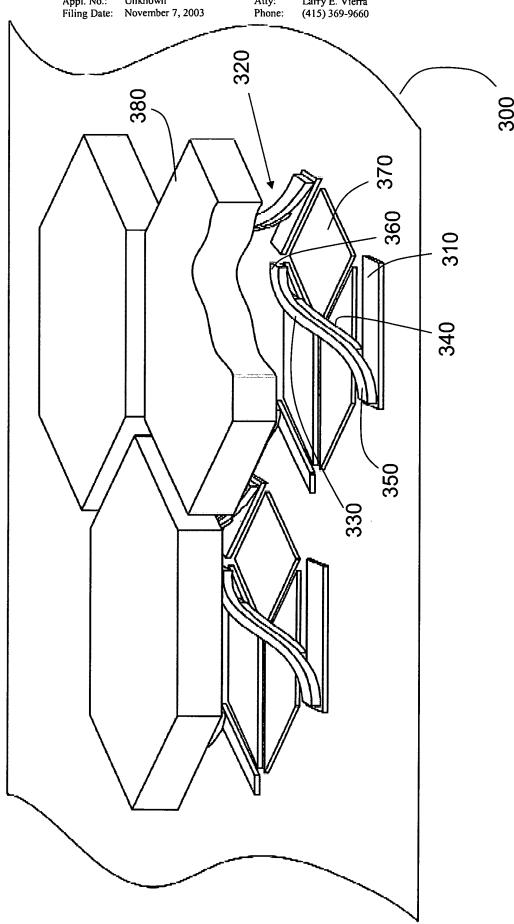
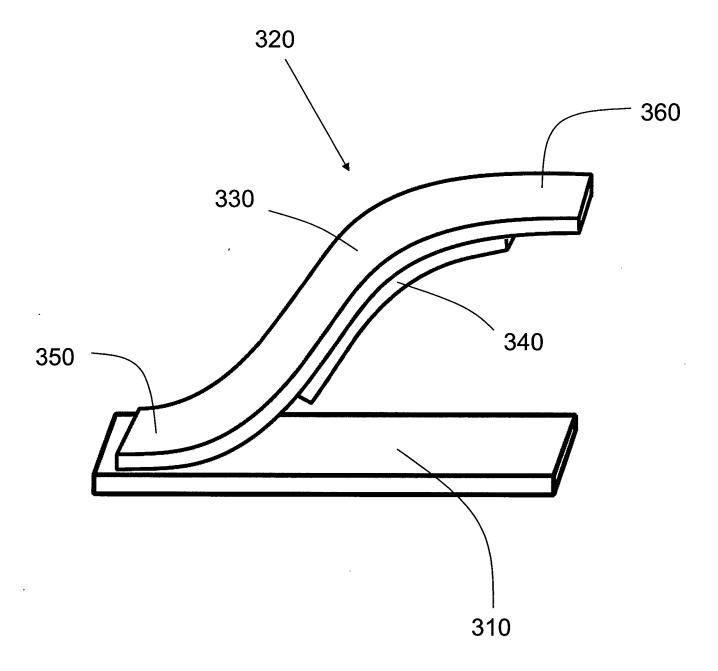


FIGURE 3A

Page 4 of 14
Deformable Mirror Method and Apparatus Including
Bimorph Flexures and Integrated Drive Title:

Applicants: Appl. No.: Filing Date: IRIS-01001US0 Larry E. Vierra (415) 369-9660 Knollenberg, et al. Docket: Atty: Phone: Unknown November 7, 2003



Page 5 of 14

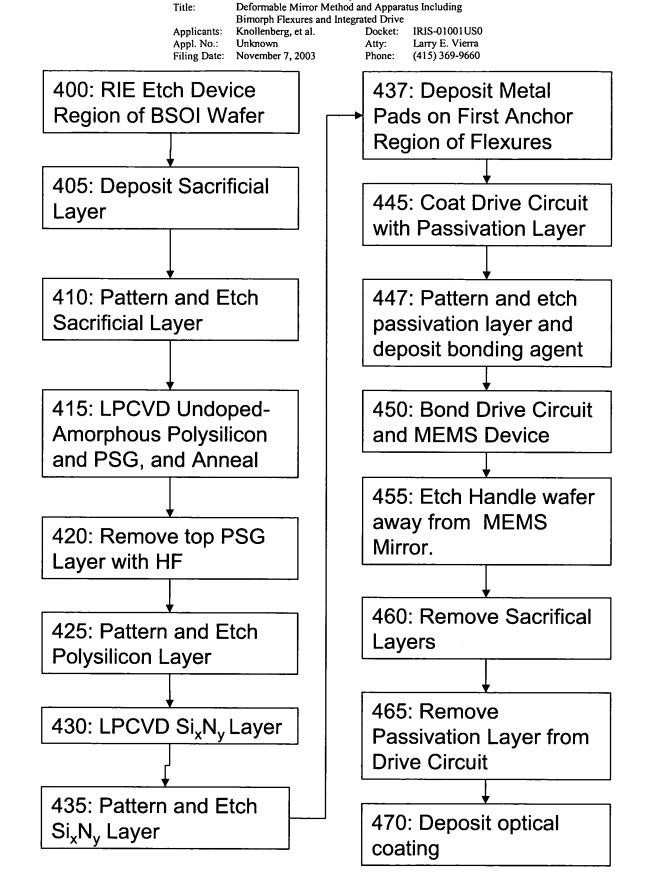


FIGURE: 4A

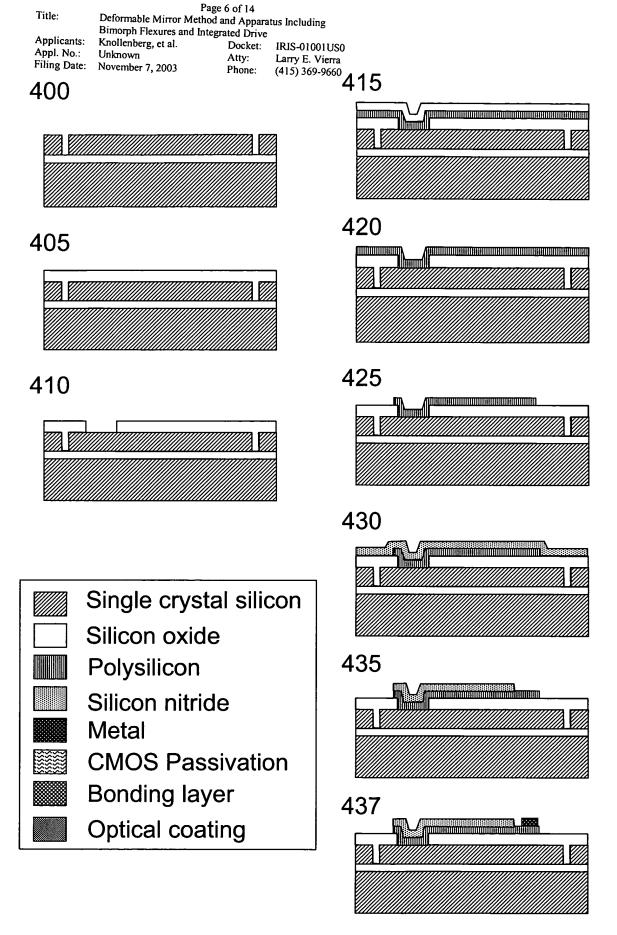


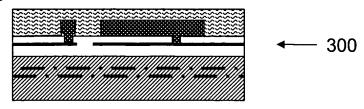
FIGURE: 4B - 1

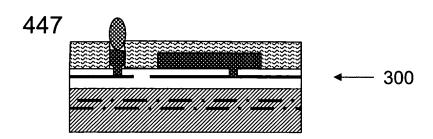
Page 7 of 14

Title: Deformable Mirror Method and Apparatus Including Bimorph Flexures and Integrated Drive

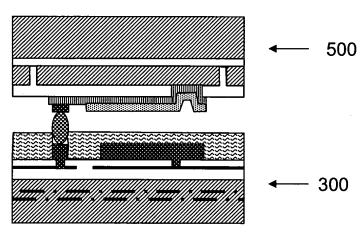
Applicants: Knollenberg, et al. Docket: IRIS-01001US0
Appl. No.: Unknown Atty: Larry E. Vierra
Filing Date: November 7, 2003 Phone: (415) 369-9660

445





450





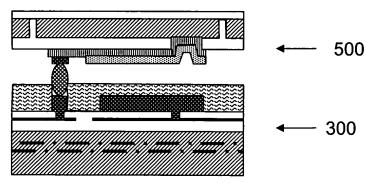


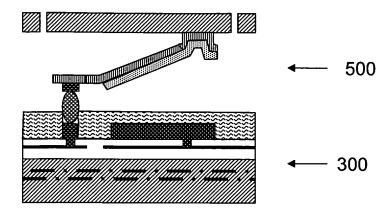
FIGURE: 4B - 2

Page 8 of 14
Deformable Mirror Method and Apparatus Including
Bimorph Flexures and Integrated Drive

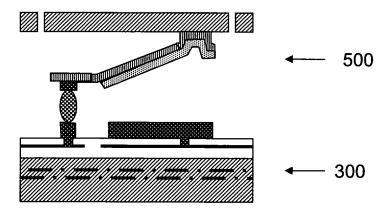
Title:

Applicants: Knollenberg, et al. Docket: IRIS-01001US0 Appl. No.: Unknown
Filing Date: November 7, 2003 Atty: Larry E. Vierra Phone: (415) 369-9660

460



465



470

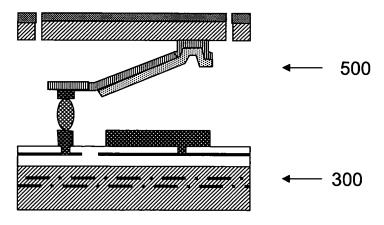
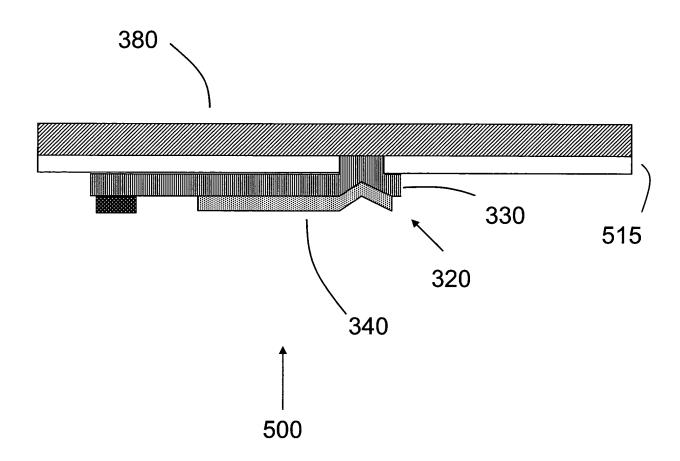


FIGURE: 4B - 3

Page 9 of 14

Title: Deformable Mirror Method and Apparatus Including Bimorph Flexures and Integrated Drive

Applicants: Knollenberg, et al. Docket: IRIS-01001US0
Appl. No.: Unknown Atty: Larry E. Vierra
Filing Date: November 7, 2003 Phone: (415) 369-9660



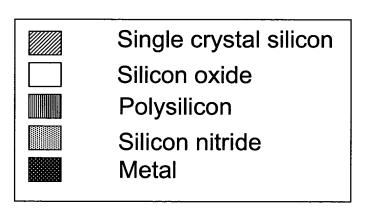


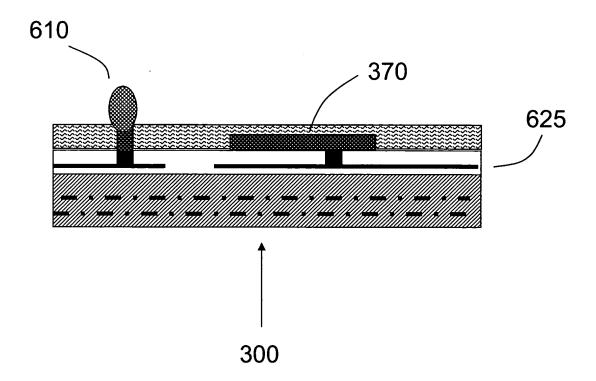
FIGURE 5

Page 10 of 14

Title: Deformable Mirror Method and Apparatus Including

Bimorph Flexures and Integrated Drive

Applicants: Knollenberg, et al. IRIS-01001US0 Docket: Appl. No.: Larry E. Vierra Unknown Atty: Filing Date: November 7, 2003 (415) 369-9660 Phone:



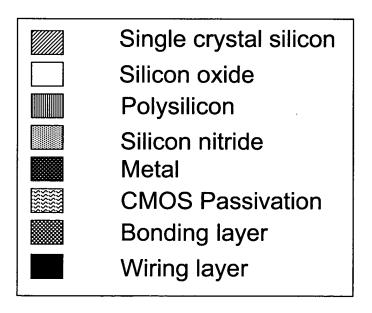


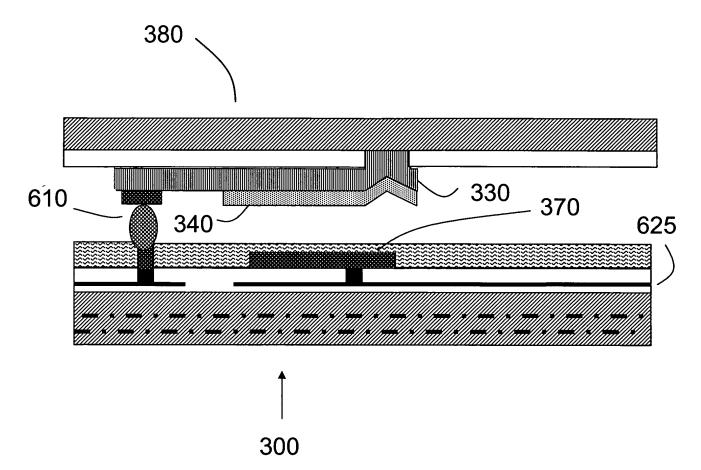
FIGURE 6

Page 11 of 14
Deformable Mirror Method and Apparatus Including

Applicants: Knollenberg, et al. Docket:
Appl. No.: Unknown Atty:
Filing Date: November 7, 2003 Phone:

Title:

Docket: IRIS-01001US0 Atty: Larry E. Vierra Phone: (415) 369-9660



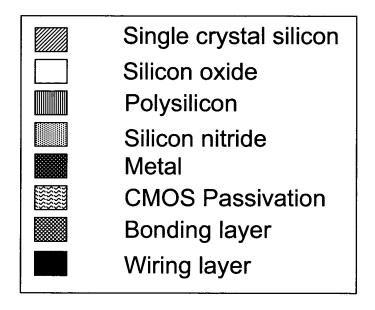


FIGURE 7A

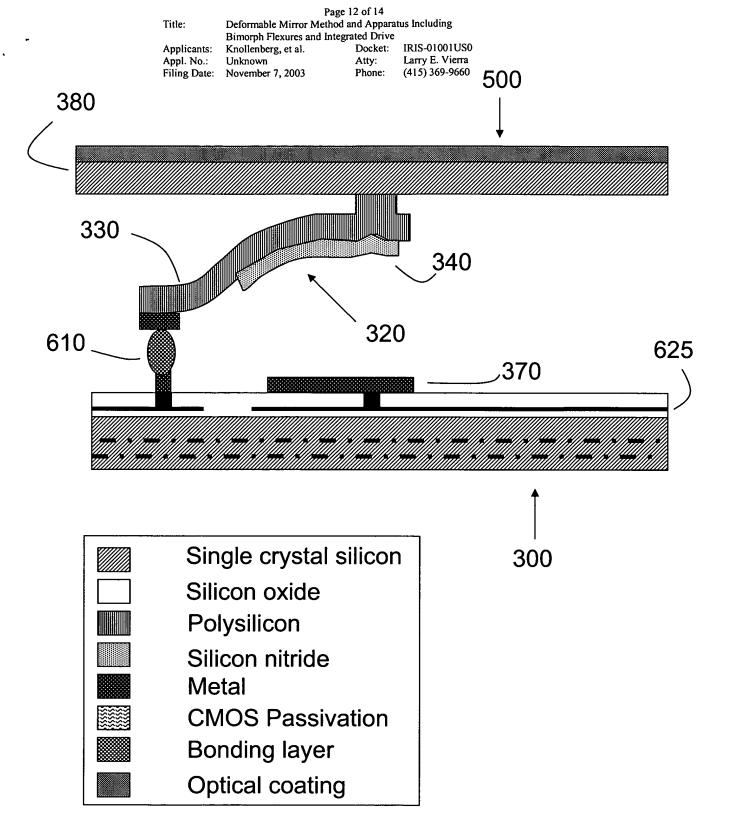


FIGURE 7B

Title:

Page 13 of 14

Deformable Mirror Method and Apparatus Including
Birnorph Flexures and Integrated Drive
Knollenberg, et al.

Docket: IRIS-01001US0 Applicants: Appl. No.: Filing Date: Atty: Phone: Larry E. Vierra (415) 369-9660 Unknown November 7, 2003

Material	CTE (ppm/°C)
Silicon	2.6
Si ₃ N ₄	2.8
SiC	4.3
AIN	4
Ni	13.4
SiO ₂	0.55

Page 14 of 14
Deformable Mirror Method and Apparatus Including Title:

Bimorph Flexures and Integrated Drive

Applicants: Knollenberg, et al.
Appl. No.: Unknown
Filing Date: November 7, 2003 Knollenberg, et al. Unknown Docket: IRIS-01001US0 Larry E. Vierra (415) 369-9660 Atty: Phone:

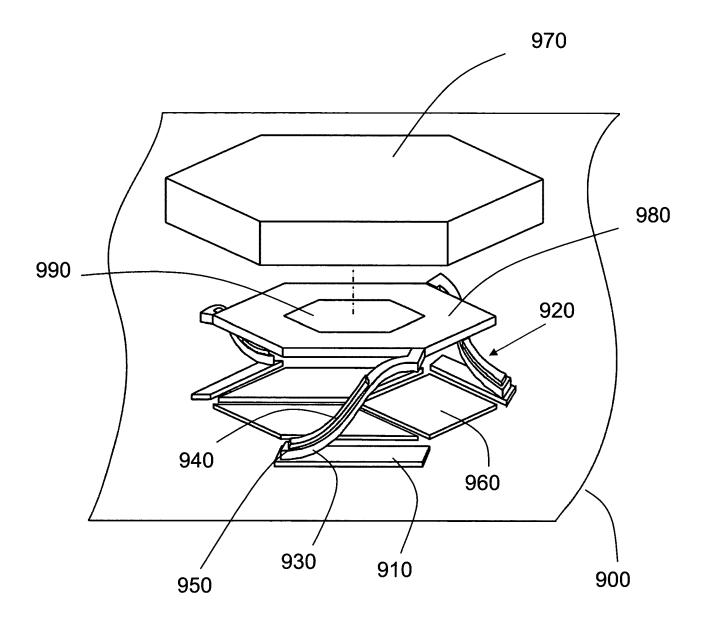


FIGURE 9